

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(585055) Hex(736F71) Hex(535058) Hex(3B383A) Hex(BABABA) Hex(3B3B3B)

	Hex(585055)	Hex(736F71)	Hex(535058)	Hex(3B383A)	Hex(BABABA)	Hex(3B3B3B)
Hex(585055)		Ratio: 1.57 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 1.44 Failed ⁵
Hex(736F71)	Ratio: 1.57 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(535058)	Ratio: 1.01 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(3B383A)	Ratio: 1.49 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(BABABA)	Ratio: 4.02 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.97 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.44 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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